

What is claimed is:

1. A method of reducing hepatic glucose production in a diabetic patient in need of such treatment who is using exogenous insulin to control blood sugars and who is taking said insulin by the subcutaneous and/or transdermal route of
5 administration, comprising administering said insulin to said patient by the pulmonary route.
2. A method as defined in claim 1, wherein said pulmonary insulin is delivered in the form of aerosolized insulin wherein the aerosol is atomized from a solution.
- 10 3. A method as defined in claim 1, wherein said pulmonary insulin is administered as a dry powder.
4. A method as defined in claim 1, wherein said patient has been using exogenous insulin by a subcutaneous route.
5. A method as defined in claim 1, wherein said patient has been
15 using exogenous insulin by a transdermal route.
6. A method as defined in claim 1, wherein said effective amount of pulmonary insulin is delivered by a propellant as a solution or suspension of said insulin from a metered dose inhaler.

20